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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Mattheakis et al.

Attorney Docket No.: CYTOP135X1

Application No.: 10/719,988

Examiner: UNASSIGNED

Filed: November 20, 2003

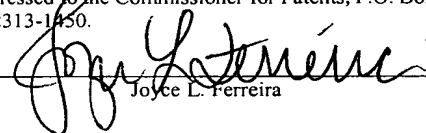
Group: 1645

Title: PREDICTING HEPATOTOXICITY USING  
CELL BASED ASSAYS

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on January 13, 2005 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: \_\_\_\_\_

  
Joyce L. Ferreira

**INFORMATION DISCLOSURE STATEMENT  
37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449 copies of which are enclosed, may be material to the examination of the above-identified patent application. These references were cited in a corresponding PCT application. A copy of the PCT Search Report, which was dated December 1, 2004, is enclosed herewith as well. These references are submitted in compliance with the applicant's duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. Accordingly, the Examiner is requested to make these citations official record in this application.

This Information Disclosure Statement is not to be construed as a representation that additional information (material to the examination of this application) does not exist or that the enclosed reference(s) constitute prior art.

**Statement under 37 CFR § 1.97(e)**

The undersigned hereby states that the references enclosed herewith were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. (37 CFR 1.97(e)(1))

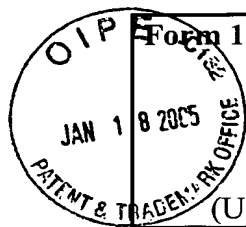
Accordingly, it is respectfully submitted that no fee is due in conjunction with the filing of this IDS. However, should the Commissioner determine that additional fees are required for filing the present Information Disclosure Statement, the Commissioner is hereby authorized to charge any such fees to our deposit account number 500388 (Order No. CYTOP135X1).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP



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Form 1449 (Modified)

**Information Disclosure  
Statement By Applicant**

(Use Several Sheets if Necessary)

Atty Docket No.

CYTOP135X1

Applicant:

Mattheakis et al.

Filing Date

November 20, 2003

Application No.:

10/719,988

Group

1645

**U.S. Patent Documents**

Examiner Initial	No.	Publication or Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	2002/0141631	10/03/02	Vaisberg et al.			02/20/01
	B	2002/0154798	10/24/02	Cong et al.			02/20/01

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	J	W00135072A2	05/17/01	WIPO			X	

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	M	Mattheakis <i>et al.</i> , PCT Search Report for Int'l Application No. PCT/US2004/022970, Int'l Filing Date July 15, 2004, dated December 1, 2004
	N	Mattheakis <i>et al.</i> , PCT Written Opinion for Int'l Application No. PCT/US2004/022970, Int'l Filing Date July 15, 2004
	O	Towner <i>et al.</i> , "Non-Invasive in Vivo Magnetic Resonance Imaging Assessment of Acute Aflatoxin B1 Hepatotoxicity in Rats", BBA- General Subjects, Elsevier Science Publishers, NL, Vol. 1475, No. 3, July 26, 2000, pages 314-320
	P	Sturgeon <i>et al.</i> , "In Vivo Assessment of Microcystin-LR-induced Hepatotoxicity in the rat using proton nuclear magnetic resonance ( <sup>1</sup> H-NMR) Imaging" BBA- General Subjects, Biochemica et Biophysica Acta 1454 (1999) pp 227-235
	Q	Sakai <i>et al.</i> , "Rapid and Sensitive Neurotoxicity Test Based on the Morphological Changes of PC12 Cells with Simple Computer-Assisted Image Analysis, Journal of Bioscience and Bioengineering, Vol. 90, No. 1, 20-24. 2000
	R	Hall <i>et al.</i> , "Two Methods of Assessment of Methotrexate Hepatotoxicity in Patients with Rheumatoid Arthritis", Annals of the Rheumatic Diseases 1991, Vol. 50, No. 7, pp. 471-476
	S	Molinari <i>et al.</i> , "Automated Image Analysis for Monitoring Oxidative Burst in Macrophages", Analytical and Quantitative Cytology and Histology, Vol. 22, No. 5, October 2000, pp423-427
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.